

Tyr-Pro-Trp-Thr-Gln (SEQ ID NO:13), and
Tyr-Pro-Trp-Thr (SEQ ID NO:27).

Page 25, second paragraph,

The invention also includes a method of inhibiting or stimulating stem cell proliferation comprising contacting hematopoietic cells with a peptide selected from the group consisting of Tyr-MIF-1 related peptides, casomorphins, cytochromins and exorphins. Specifically included are the Tyr-MIF-1 peptides having the sequences:
Tyr-Pro-Trp-Gly-NH₂ (SEQ ID NO:28),
Tyr-Pro-Lys-Gly-NH₂ (SEQ ID NO:29),
Tyr-Pro-Leu-Gly-NH₂ (SEQ ID NO:30), and
Pro-Leu-Gly-NH₂.

Pages 25-26, third paragraph,

The invention also includes a method of inhibiting or stimulating stem cell proliferation comprising contacting hematopoietic cells with an opiate peptide selected from the group consisting of
(D-Ala²,N-Me-Phe⁴,Gly-ol⁵)-Enkephalin (DAMGO),
(D-Arg²,Lys⁴)-Dermorphin-(1-4)-amide (DALDA),
(Phe⁴)-Dermorphine (1-4) amide
Ac-Arg-Phe-Met-Trp-Met-Arg-NH₂ (SEQ ID NO:14),
Ac-Arg-Phe-Met-Trp-Met-Lys-NH₂ (SEQ ID NO:31), and
H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-NH₂ (SEQ ID NO:32).

Page 82, third paragraph,

Two hemorphin sequences, hemorphin 10 (amino acids 32-41 of the beta chain sequence) and hemorphin 7 (amino acids 33-40) were tested and found to be active. The sequences are as follows:

Hemorphin 10	Leu-Val-Val-Tyr-Pro-Trp-Thr-Gln-Arg-Phe (SEQ ID NO:4)
Hemorphin 7	Val-Val-Tyr-Pro-Trp-Thr-Gln-Arg (SEQ ID NO:26)